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OIPE 03-13-01

**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/726,258**

DATE: 03/15/2001
TIME: 22:58:34

#2

TIME: 22:58:34

INPUT SET: S36516.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

- 3 (1) General Information:

4

5 (i) APPLICANT: Genentech, Inc., Hsei, Vanessa
6 Koumenis, Iphigenia
7 Leong, Steven R.
8 Presta, Leonard G.
9 Shahrokh, Zahra
10 Zapata, Gerardo A.

11

12 (ii) TITLE OF INVENTION: ANTIBODY FRAGMENT-POLYMER CONJUGATES AND
13 HUMANIZED ANTI-IL-8 MONOCLONAL ANTIBODIES

14

15 (iii) NUMBER OF SEQUENCES: 72

16

17 (iv) CORRESPONDENCE ADDRESS:
18 (A) ADDRESSEE: Genentech, Inc.
19 (B) STREET: 1 DNA Way
20 (C) CITY: South San Francisco
21 (D) STATE: California
22 (E) COUNTRY: USA
23 (F) ZIP: 94080

24

25 (v) COMPUTER READABLE FORM:
26 (A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
27 (B) COMPUTER: IBM PC compatible
28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
29 (D) SOFTWARE: WinPatin (Genentech)

30

31 (vi) CURRENT APPLICATION DATA:
32 (A) APPLICATION NUMBER: 09/726,258
33 (B) FILING DATE:
34 (C) CLASSIFICATION:

35

36 (vii) PRIOR APPLICATION DATA:
37 (A) APPLICATION NUMBER: 09/234,182
38 (B) FILING DATE:

39

40 (viii) PRIOR APPLICATION DATA:
41 (A) APPLICATION NUMBER: 60/094003
42 (B) FILING DATE: 24-JUL-1998

43

44

45 (ix) ATTORNEY/AGENT INFORMATION:
46 (A) NAME: Love, Richard B.

**RAW SEQUENCE LISTING
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47 (B) REGISTRATION NUMBER: 34,659
48 (C) REFERENCE/DOCKET NUMBER: P1085R4-1A

49
50 (ix) TELECOMMUNICATION INFORMATION:

51 (A) TELEPHONE: 650/225-5530
52 (B) TELEFAX: 650/952-9881

53 (2) INFORMATION FOR SEQ ID NO:1:

54
55 (i) SEQUENCE CHARACTERISTICS:
56 (A) LENGTH: 22 base pairs
57 (B) TYPE: Nucleic Acid
58 (C) STRANDEDNESS: Single
59 (D) TOPOLOGY: Linear

60
61 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

62
63 CAGTCCAACT GTTCAGGACG CC 22

64 (2) INFORMATION FOR SEQ ID NO:2:

65
66 (i) SEQUENCE CHARACTERISTICS:
67 (A) LENGTH: 22 base pairs
68 (B) TYPE: Nucleic Acid
69 (C) STRANDEDNESS: Single
70 (D) TOPOLOGY: Linear

71
72 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

73
74 GTGCTGCTCA TGCTGTAGGT GC 22

75 (2) INFORMATION FOR SEQ ID NO:3:

76
77 (i) SEQUENCE CHARACTERISTICS:
78 (A) LENGTH: 23 base pairs
79 (B) TYPE: Nucleic Acid
80 (C) STRANDEDNESS: Single
81 (D) TOPOLOGY: Linear

82
83 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

84
85 GAAGTTGATG TCTTGTGAGT GGC 23

86 (2) INFORMATION FOR SEQ ID NO:4:

87
88 (i) SEQUENCE CHARACTERISTICS:
89 (A) LENGTH: 24 base pairs
90 (B) TYPE: Nucleic Acid
91 (C) STRANDEDNESS: Single
92 (D) TOPOLOGY: Linear

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100 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

101
102
103 GCATCCTAGA GTCACCGAGG AGCC 24104
105 (2) INFORMATION FOR SEQ ID NO:5:106
107 (i) SEQUENCE CHARACTERISTICS:
108 (A) LENGTH: 22 base pairs
109 (B) TYPE: Nucleic Acid
110 (C) STRANDEDNESS: Single
111 (D) TOPOLOGY: Linear112
113 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:114
115
116 CACTGGCTCA GGGAAATAAC CC 22117
118 (2) INFORMATION FOR SEQ ID NO:6:119
120 (i) SEQUENCE CHARACTERISTICS:
121 (A) LENGTH: 22 base pairs
122 (B) TYPE: Nucleic Acid
123 (C) STRANDEDNESS: Single
124 (D) TOPOLOGY: Linear125
126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:127
128
129 GGAGAGCTGG GAAGGTGTGC AC 22130
131 (2) INFORMATION FOR SEQ ID NO:7:132
133 (i) SEQUENCE CHARACTERISTICS:
134 (A) LENGTH: 35 base pairs
135 (B) TYPE: Nucleic Acid
136 (C) STRANDEDNESS: Single
137 (D) TOPOLOGY: Linear138
139 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:140
141
142 ACAAACGCGT ACGCTGACAT CGTCATGACC CAGTC 35143
144 (2) INFORMATION FOR SEQ ID NO:8:145
146 (i) SEQUENCE CHARACTERISTICS:
147 (A) LENGTH: 35 base pairs
148 (B) TYPE: Nucleic Acid
149 (C) STRANDEDNESS: Single
150 (D) TOPOLOGY: Linear151
152 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

AGE: 4

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153
154
155 ACAAACGCGT ACGCTGATAT TGTCATGACT CAGTC 35
156
157 (2) INFORMATION FOR SEQ ID NO:9:
158
159 (i) SEQUENCE CHARACTERISTICS:
160 (A) LENGTH: 35 base pairs
161 (B) TYPE: Nucleic Acid
162 (C) STRANDEDNESS: Single
163 (D) TOPOLOGY: Linear
164
165 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
166
167
168 ACAAACGCGT ACGCTGACAT CGTCATGACA CAGTC 35
169
170 (2) INFORMATION FOR SEQ ID NO:10:
171
172 (i) SEQUENCE CHARACTERISTICS:
173 (A) LENGTH: 37 base pairs
174 (B) TYPE: Nucleic Acid
175 (C) STRANDEDNESS: Single
176 (D) TOPOLOGY: Linear
177
178 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
179
180
181 GCTCTTCGAA TGGTGGGAAG ATGGATAACAG TTGGTGCG 37
182
183 (2) INFORMATION FOR SEQ ID NO:11:
184
185 (i) SEQUENCE CHARACTERISTICS:
186 (A) LENGTH: 39 base pairs
187 (B) TYPE: Nucleic Acid
188 (C) STRANDEDNESS: Single
189 (D) TOPOLOGY: Linear
190
191 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
192
193
194 CGATGGGCC CGATAGACCG ATGGGGCTGT TGTTTGCG 39
195
196 (2) INFORMATION FOR SEQ ID NO:12:
197
198 (i) SEQUENCE CHARACTERISTICS:
199 (A) LENGTH: 39 base pairs
200 (B) TYPE: Nucleic Acid
201 (C) STRANDEDNESS: Single
202 (D) TOPOLOGY: Linear
203
204 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
205

AGE: 5

**RAW SEQUENCE LISTING
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206 CGATGGGCC CGATAGACTG ATGGGGCTGT CGTTTGCG 39
207
208

209 (2) INFORMATION FOR SEQ ID NO:13:

210
211 (i) SEQUENCE CHARACTERISTICS:
212 (A) LENGTH: 39 base pairs
213 (B) TYPE: Nucleic Acid
214 (C) STRANDEDNESS: Single
215 (D) TOPOLOGY: Linear

216
217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

218
219 CGATGGGCC CGATAGACGG ATGGGGCTGT TGTTTGCG 39
220

221 (2) INFORMATION FOR SEQ ID NO:14:

222
223 (i) SEQUENCE CHARACTERISTICS:
224 (A) LENGTH: 39 base pairs
225 (B) TYPE: Nucleic Acid
226 (C) STRANDEDNESS: Single
227 (D) TOPOLOGY: Linear

228
229 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:

230
231 CGATGGGCC CGATAGACAG ATGGGGCTGT TGTTTGCG 39
232

233 (2) INFORMATION FOR SEQ ID NO:15:

234
235 (i) SEQUENCE CHARACTERISTICS:
236 (A) LENGTH: 39 base pairs
237 (B) TYPE: Nucleic Acid
238 (C) STRANDEDNESS: Single
239 (D) TOPOLOGY: Linear

240
241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:

242
243 CGATGGGCC CGATAGACTG ATGGGGCTGT TGTTTGCG 39
244

245 (2) INFORMATION FOR SEQ ID NO:16:

246
247 (i) SEQUENCE CHARACTERISTICS:
248 (A) LENGTH: 369 base pairs
249 (B) TYPE: Nucleic Acid
250 (C) STRANDEDNESS: Double
251 (D) TOPOLOGY: Linear

252
253 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:

254

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258

GE: 1

**SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/726,258**

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Original Text